

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAYKC1621

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

| Welcome to STN International |  |   |  |
|------------------------------|--|---|--|
| NEWS 1                       | Web Page for STN Seminar Schedule - N. America |   |  |
| NEWS 2                       | APR 02   | CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases  |  |
| NEWS 3                       | APR 02   | PATDPAFULL: Application and priority number formats enhanced  |  |
| NEWS 4                       | APR 02   | DWPI: New display format ALLSTR available   |  |
| NEWS 5                       | APR 02   | New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes   |  |
| NEWS 6                       | APR 02   | EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948  |  |
| NEWS 7                       | APR 07   | CA/CAplus CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields   |  |
| NEWS 8                       | APR 07   | 50,000 World Traditional Medicine (WTM) Patents Now Available in CAplus   |  |
| NEWS 9                       | APR 07   | MEDLINE Coverage Is Extended Back to 1947   |  |
| NEWS 10                      | JUN 16   | WPI First View (File WPIFV) will no longer be available after July 30, 2010   |  |
| NEWS 11                      | JUN 18   | DWPI: New coverage - French Granted Patents   |  |
| NEWS 12                      | JUN 18   | CAS and FIZ Karlsruhe announce plans for a new STN platform   |  |
| NEWS 13                      | JUN 18   | IPC codes have been added to the INSPEC backfile (1969-2009)  |  |
| NEWS 14                      | JUN 21   | Removal of Pre-IPC 8 data fields streamline displays in CA/CAplus, CASREACT, and MARPAT   |  |
| NEWS 15                      | JUN 21   | Access an additional 1.8 million records exclusively enhanced with 1.9 million CAS Registry Numbers -- EMBASE Classic on STN                          |  |
| NEWS 16                      | JUN 28   | Introducing "CAS Chemistry Research Report": 40 Years of Biofuel Research Reveal China Now Atop U.S. in Patenting and Commercialization of Bioethanol |  |
| NEWS 17                      | JUN 29   | Enhanced Batch Search Options in DGENE, USGENE, and PCTGEN  |  |
| NEWS 18                      | JUL 19   | Enhancement of citation information in INPADOC databases provides new, more efficient competitor analyses   |  |
| NEWS 19                      | JUL 26   | CAS coverage of global patent authorities has expanded to 61 with the addition of Costa Rica  |  |
| NEWS 20                      | SEP 09   | New basic patent number increases precision in retrieving records from USGENE   |  |

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2.

AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 09:26:33 ON 10 SEP 2010

=> file registry  
COST IN U.S. DOLLARS

|                     | SINCE FILE<br>ENTRY | TOTAL<br>SESSION |
|---------------------|---------------------|------------------|
| FULL ESTIMATED COST | 0.22                | 0.22             |

FILE 'REGISTRY' ENTERED AT 09:26:56 ON 10 SEP 2010  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2010 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 SEP 2010 HIGHEST RN 1240463-09-5  
DICTIONARY FILE UPDATES: 9 SEP 2010 HIGHEST RN 1240463-09-5

New CAS Information Use Policies. enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/strnqen/stndoc/properties.html>

```
=> e 2,2-bishydroxymethyl-1,3-propanediol/cn
E1      1      2,2-BISFERROCENYLHEPTANE/CN
E2      1      2,2-BISHYDROXYBUTYL TRIS (3-(1-AZIRIDINYL)PROPIONATE) /CN
E3      0 --> 2,2-BISHYDROXYMETHYL-1,3-PROPANEDIOL/CN
E4      1      2,2-BISINDENYL METHANE/CN
E5      1      2,2-BISNAPHTH(2,1-D)OXAZOLYL/CN
E6      1      2,2-BISPHTHALIC ACID HEXAFLUOROISOPROPYLIDENE DIANHYDRIDE-4,
          4'-DIAMINO-3,3',5,5'-TETRAISOPROPYLDIPHENYLMETHANE COPOLYMER
```

/CN  
 E7 1 2,2-BUTANE-1-14C-DIOL, MONO(HYDROGEN SULFITE), MONOSODIUM SA  
 LT/CN  
 E8 1 2,2-BUTANEDIAMINE, 3,4-DIBROMO-N,N,N',N'-TETRAFLUORO-/CN  
 E9 1 2,2-BUTANEDIAMINE, 4-CHLORO-N,N,N',N'-TETRAFLUORO-/CN  
 E10 1 2,2-BUTANEDIAMINE, N'-(1-(DIETHYLAMINO)-1-METHYLPROPYL)-N,N-DIETHYL-/CN  
 E11 1 2,2-BUTANEDIAMINE, N,N'-DIBUTYL-4-(2,2,6-TRIMETHYLCYCLOHEXYL)-/CN  
 E12 1 2,2-BUTANEDIAMINE, N,N'-DIETHYL-4-(2,2,6-TRIMETHYLCYCLOHEXYL)-/CN

=> e pentaerythritol/cn

E1 1 PENTAERYTHRITHIOL/CN  
 E2 1 PENTAERYTHRITHOL TETRAKIS(3-MERCAPTOPROPIONATE)-TRIALLYL ISO CYANURATE-TRIMETHYLOLPROPANE TRIACRYLATE COPOLYMER/CN  
 E3 1 --> PENTAERYTHRITOL/CN  
 E4 1 PENTAERYTHRITOL A-NAPHTHOATE/CN  
 E5 1 PENTAERYTHRITOL B-MERCAPTOPROPIONATE/CN  
 E6 1 PENTAERYTHRITOL 1,10-DECANEDICARBOXYLIC ACID ESTER/CN  
 E7 1 PENTAERYTHRITOL 1,11-UNDECANEDICARBOXYLIC ACID ESTER/CN  
 E8 1 PENTAERYTHRITOL 1,12-DODECANEDICARBOXYLIC ACID ESTER/CN  
 E9 1 PENTAERYTHRITOL 1,20-EICOSANE DICARBOXYLIC ACID ESTER/CN  
 E10 1 PENTAERYTHRITOL 1,9-NONANEDICARBOXYLIC ACID ESTER/CN  
 E11 1 PENTAERYTHRITOL 2,2'-BIPHENYLDICARBOXYLIC ACID ESTER/CN  
 E12 1 PENTAERYTHRITOL 2-ETHYLHEXANOATE/CN

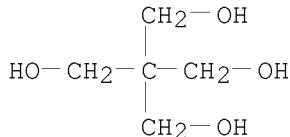
=> s e3

L1 1 PENTAERYTHRITOL/CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 115-77-5 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 1,3-Propanediol, 2,2-bis(hydroxymethyl)- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Pentaerythritol (8CI)  
 OTHER NAMES:  
 CN 1,1,1-Tris(hydroxymethyl)ethanol  
 CN 2,2-Bis(hydroxymethyl)-1,3-propanediol  
 CN Auxinutril  
 CN Charmor PM 15  
 CN Charmor PM 40  
 CN Flammex DPE  
 CN Hercules P 6  
 CN Maxinutril  
 CN Metab-Auxil  
 CN Monopentaerythritol  
 CN Monopentek  
 CN Neulizer P  
 CN NSC 8100  
 CN PE 200  
 CN PE 200 (diol)  
 CN Penetek  
 CN Pentarit  
 CN Pentarit S

CN Pentek  
 CN PET 020  
 CN Tetra(hydroxymethyl)methane  
 CN Tetrakis(hydroxymethyl)methane  
 CN Tetramethylolmethane  
 CN THME  
 DR 75398-86-6, 88201-29-0  
 MF C5 H12 O4  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS,  
     BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,  
     CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,  
     ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, MEDLINE,  
     MRCK\*, MSDS-OHS, PIRA, PROMT, PS, RTECS\*, SPECINFO, SYNTHLINE,  
     TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, USPATOLD  
     (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
     (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

13175 REFERENCES IN FILE CA (1907 TO DATE)  
 5130 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 13220 REFERENCES IN FILE CAPLUS (1907 TO DATE)

| => file caplus       |  | SINCE FILE | TOTAL   |
|----------------------|--|------------|---------|
| COST IN U.S. DOLLARS |  | ENTRY      | SESSION |
| FULL ESTIMATED COST  |  | 9.07       | 9.29    |

FILE 'CAPLUS' ENTERED AT 09:28:56 ON 10 SEP 2010  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Sep 2010 VOL 153 ISS 12

FILE LAST UPDATED: 9 Sep 2010 (20100909/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

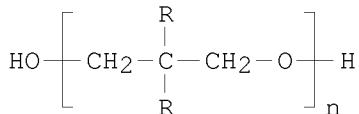
```
=> s l1 (L) (partial (2a) ester)
  13220 L1
  464216 PARTIAL
  1098 PARTIALS
  464884 PARTIAL
  (PARTIAL OR PARTIALS)
  668945 ESTER
  493609 ESTERS
  932156 ESTER
  (ESTER OR ESTERS)
L2      20 L1 (L) (PARTIAL (2A) ESTER)
```

=> d l2 1-10 ibib abs

```
L2  ANSWER 1 OF 20  CAPLUS  COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2010:911220  CAPLUS
DOCUMENT NUMBER: 153:236928
TITLE: Carbon dioxide-based working fluids for refrigeration
and air conditioning systems
INVENTOR(S): Kelley, Richard; Carr, Dale; Hutter, Jeffrey; Hessell,
Edward
PATENT ASSIGNEE(S): Chemtura Corporation, USA
SOURCE: PCT Int. Appl., 31pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
```

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2010083100   | A1   | 20100722 | WO 2010-US20453 | 20100108 |
| W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,<br>CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG,<br>ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP,<br>KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA,<br>MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE,<br>PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV,<br>SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW |      |          |                 |          |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,<br>IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI,<br>SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,<br>SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG,  |      |          |                 |          |

ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 US 20100181523 A1 20100722 US 2010-684315 20100108  
 PRIORITY APPLN. INFO.: US 2009-145290P P 20090116  
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 GI



AB A working fluid comprising (a) a refrigerant comprising carbon dioxide and (b) a poly(neopentylpolyol) ester composition produced by reacting a neopentylpolyol (I): wherein each R is independently selected from the group consisting of Me, Et and CH<sub>2</sub>OH and n is a number from 1 to 4, with at least one monocarboxylic acid having 2 to 15 carbon atoms in the presence of an acid catalyst and at a mole ratio of carboxyl groups to hydroxyl groups of <1: 1 to form a partially esterified composition. The partially esterified poly(neopentyl)polyol composition is then reacted with addnl. monocarboxylic acid having 2 to 15 carbon atoms to form a final poly(neopentylpolyol)ester composition

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:733515 CAPLUS  
 DOCUMENT NUMBER: 149:35044  
 TITLE: Worm gear oil composition and worm gear unit  
 INVENTOR(S): Endo, Chisato  
 PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 14pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE       |
|------------------------|------|----------|-----------------|------------|
| JP 2008138189          | A    | 20080619 | JP 2007-289018  | 20071106   |
| PRIORITY APPLN. INFO.: |      |          | JP 2006-300198  | A 20061106 |

AB The oil composition for a worm gear unit consisting of a high-strength brass and q steel worm contains 60-94 weight% base oils of polyolefin base oils, mineral oils, and/or alkyl-substituted aromatic base oils and 6-40 weight% partial esters of C<sub>6</sub>-30 fatty acids and aliphatic polyhydric alcs. The unit operated by using the oil composition is also claimed. The oil composition shows excellent transmission efficiency and does not give bad effect on rubbers and coatings used with oil seals.

L2 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2008:125557 CAPLUS

DOCUMENT NUMBER: 148:174961  
 TITLE: Mixture of partial esters of monopentaerythritol,  
 dipentaerythritol and tripentaerythritol, process for  
 obtaining same and cosmetic product containing them  
 INVENTOR(S): Halbeisen, Laetitia; Loubat-Bouleuc, Nathalie;  
 Merlaud, Fabien; Pierre, Ronan  
 PATENT ASSIGNEE(S): Stearinerie Dubois Fils, Fr.  
 SOURCE: PCT Int. Appl., 16pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2008012442   | A2   | 20080131 | WO 2007-FR1290  | 20070726 |
| WO 2008012442   | A3   | 20080313 |                 |          |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,<br>CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI,<br>GB, GD, GE, GH, GM, GT, HN, HR, ID, IL, IN, IS, JP, KE, KG,<br>KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,<br>MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL,<br>PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN,<br>TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW |      |          |                 |          |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,<br>IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,<br>BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,<br>GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,<br>BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA  |      |          |                 |          |
| FR 2904217  | A1   | 20080201 | FR 2006-6958    | 20060728 |

PRIORITY APPLN. INFO.: FR 2006-6958 A 20060728  
 AB Mixture of partial esters of monopentaerythritol, dipentaerythritol and  
 tripentaerythritol, containing dipentaerythrityl pentaisoononanoate are claimed  
 for use in the cosmetics. It is obtained by esterifying dipentaerythritol  
 with an organic acid containing from 7 to 13 carbon atoms, such as a branched  
 organic acid containing 9 carbon atoms. Use of these esters in the  
 manufacture of  
 cosmetic products are disclosed. A lipstick contained dipentaerythrityl  
 pentaisoononanoate 89.200, candelilla wax 2.000, carnauba wax 1.500,  
 pentaerythrityl tetrabehenate 4.000, tocopheryl acetate 1.000,  
 propylparaben 0.100, dyes 0.500, mica and titanium dioxide 1.500, and  
 fragrance 0.200%.

L2 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2007:169549 CAPLUS  
 DOCUMENT NUMBER: 146:209394  
 TITLE: Rust-preventive oil compositions containing polyhydric  
 alcohol partial esters  
 INVENTOR(S): Motoyama, Tadaaki; Shibata, Junichi; Matsuzaki, Yukio;  
 Irisawa, Junichi  
 PATENT ASSIGNEE(S): Nippon Oil Corporation, Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 30pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE     |
|------------------------|------|----------|-----------------|----------|
| JP 2007039760          | A    | 20070215 | JP 2005-226840  | 20050804 |
| PRIORITY APPLN. INFO.: |      |          | JP 2005-226840  | 20050804 |

AB The compns. contain base oils of mineral oils and/or synthetic oils and partial esters of polyhydric alcs. with carboxylic acids, wherein the esters satisfy hydroxycarboxylic acid content in the acids 5-80 weight% and (1) unsatd. carboxylic acid content in the acids 5-95 weight% or (2) I value 5-75. Alternatively, the compns. contain the above base oils, primary partial esters of polyhydric alcs. with lanolin fatty acids, and secondary partial esters of polyhydric alcs. with OH-free carboxylic acids, wherein ratio of the primary esters in total of the primary esters and the secondary esters is 20-95 weight%. The compns. show both rust prevention and storage stability in high level by the esters.

L2 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:291006 CAPLUS

DOCUMENT NUMBER: 140:304657

TITLE: Preparation of esters and partial esters of polyhydric alcohols and their use as plasticizers

INVENTOR(S): Heinrichs, Franz-Leo

PATENT ASSIGNEE(S): Clariant G.m.b.H., Germany

SOURCE: Ger. Offen., 8 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE       |
|---|------|----------|------------------|------------|
| DE 10245623   | A1   | 20040408 | DE 2002-10245623 | 20020930   |
| WO 2004031121   | A1   | 20040415 | WO 2003-EP10502  | 20030922   |
| W: CN, JP, US   |      |          |                  |            |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR    |      |          |                  |            |
| EP 1549608  | A1   | 20050706 | EP 2003-748071   | 20030922   |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK |      |          |                  |            |
| JP 2006501337   | T    | 20060112 | JP 2004-540666   | 20030922   |
| US 20060094805  | A1   | 20060504 | US 2005-529827   | 20050330   |
| PRIORITY APPLN. INFO.:  |      |          | DE 2002-10245623 | A 20020930 |
|   |      |          | WO 2003-EP10502  | W 20030922 |

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The invention concerns esters and partial esters from polyhydric alcs. (component A) and carbonic acids which products contain at least one carbonic acid group and/or a remainder of a carbonic acid mixture with 24 to 34 carbon atoms (component B) and at least a carbonic acid group and/or a remainder of a carbonic acid mixture with 8 to 22 carbon atoms (component C). These compns. are useful as plasticizers for thermoplastics.

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)

L2 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2003:733062 CAPLUS

DOCUMENT NUMBER: 139:247817  
 TITLE: Carboxylic anhydride-polyol ester-amide reaction products as lubricating oil dispersants, especially for synthetic ester-based oils  
 INVENTOR(S): Bessonette, Paul W.; Godici, Patrick E.; Fyfe, Kim E.; Kim, Jeenok T.  
 PATENT ASSIGNEE(S): BP Corporation North America, Inc., USA  
 SOURCE: Eur. Pat. Appl., 29 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE       |
|---|------|----------|-----------------|------------|
| EP 1344769  | A1   | 20030917 | EP 2003-251548  | 20030313   |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK |      |          |                 |            |
| US 20030228986  | A1   | 20031211 | US 2003-370427  | 20030220   |
| US 6844299  | B2   | 20050118 |                 |            |
| CA 2419995  | A1   | 20030913 | CA 2003-2419995 | 20030226   |
| JP 2003268395   | A    | 20030925 | JP 2003-68461   | 20030313   |
| PRIORITY APPLN. INFO.:  |      |          | US 2002-364190P | P 20020313 |

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 139:247817

AB Lubricating oil dispersants, especially compatible with synthetic ester-based turbine oils, are prepared as reaction products of: (1) one or more carboxylic acids, (2) a polyhydric alc. or partially esterified polyhydric alc., (3) an amine carrier, especially a dicarboxylic acid or a cyclic acid anhydride, and (4) a polyamine containing up to 10 nitrogen atoms, in which the final product contains at least one ester function and at least one amide function. The polyhydric alcs. or partially esterified polyols have the general structure  $(R1x)(R2y)C(CH2OH)n$ , in which x and y = 0 or 1; n = 2, 3, or 4; R1 and R2 are C1-50-hydrocarbyl, such that when n = 3, R2 is not present, and when n = 4, R1 is not present. The hydrocarbon acid makes up the non-polar hydrocarbon portion of the dispersant and the polyamine functions as the polar headgroup. The diacid or cyclic anhydride provides a means for attaching the polar polyamine to the dispersant structure through an amide linkage. The final compound has a general structure  $Ra(C:O)-O-CH2-C(Rb)(Rc)-CH2-O-C(:O)-X-C(:O)-Y$ , in which Ra, Rb, and Rc are C1-50-hydrocarbyl or substituted hydrocarbyl, X = C $\leq$ 16-hydrocarbyl, and Y is an amine group with  $\leq$ 10 nitrogen atoms. When the polyhydric alc. is pentaerythritol and the amine carrier is succinic anhydride, X = -CH2CH2- and Rb and Rc are -CH2-O-C(:O)-Rb and -CH2-O-C(:O)-Rc.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2002:814584 CAPLUS  
 DOCUMENT NUMBER: 137:312327  
 TITLE: Aqueous composition of alkali metal salts of partial alkyl esters of phosphoric acid, method for stabilization, and a fiber finish  
 INVENTOR(S): Minami, Hajimu; Watanabe, Jun; Nakamura, Yoshishige  
 PATENT ASSIGNEE(S): Matsumoto Yushi-Seiyaku Co., Ltd., Japan

SOURCE: U.S. Pat. Appl. Publ., 8 pp., Cont.-in-part of U.S.  
Ser. No. 49,062, abandoned.  
CODEN: USXXCO

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE        |
|------------------------|------|----------|-----------------|-------------|
| US 20020153504         | A1   | 20021024 | US 2002-105388  | 20020326    |
| US 6841086             | B2   | 20050111 |                 |             |
| PRIORITY APPLN. INFO.: |      |          | JP 2000-210567  | A 20000607  |
|                        |      |          | US 2002-49062   | B2 20020207 |

AB An aqueous solution of an alkali metal salt of partial alkyl esters of H<sub>3</sub>PO<sub>4</sub> is stabilized by adding 1-10% C<sub>3</sub>-12 polyhydric alc. having  $\geq 3$  hydroxyl groups to an alkali metal salt of partial alkyl esters of H<sub>3</sub>PO<sub>4</sub> having linear- or branched-chain alkyl groups of 16-22 C atoms, 0.6-1.0 degree of phosphorylation and 60-100% neutralization degree, and providing a fiber finish containing the stabilized aqueous solution as a major component.

Polyester  
yarn (spinning), finished with potassium stearyl phosphate stabilized with 2% glycerin, showed draft force of sliver 79.8 g/g and roll wrap frequency (30°, relative humidity 65%) in ring spinning 100; vs. 82.2 and 103, resp., without stabilizer additive.

L2 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:555312 CAPLUS  
DOCUMENT NUMBER: 137:114238  
TITLE: Pearlescent agents for cosmetic preparations  
INVENTOR(S): Nieendick, Claus; Koester, Josef  
PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany  
SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE       |
|---|------|----------|------------------|------------|
| WO 2002056839   | A2   | 20020725 | WO 2002-EP125    | 20020109   |
| WO 2002056839   | A3   | 20031002 |                  |            |
| W: BR, JP, KR, US   |      |          |                  |            |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR    |      |          |                  |            |
| DE 10102005   | A1   | 20020725 | DE 2001-10102005 | 20010118   |
| EP 1367981  | A2   | 20031210 | EP 2002-708264   | 20020109   |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR |      |          |                  |            |
| JP 2004523519   | T    | 20040805 | JP 2002-557349   | 20020109   |
| US 20040086470  | A1   | 20040506 | US 2003-250813   | 20031223   |
| PRIORITY APPLN. INFO.:  |      |          | DE 2001-10102005 | A 20010118 |
|   |      |          | WO 2002-EP125    | W 20020109 |

AB The invention relates to a pearlescent agent, containing the following (in relation to the total composition): (a) between 30 and 60 weight % of waxes, which

in relation to the total wax concentration have an amorphous portion of at least

15 weight % and a maximum crystalline portion of 85 weight %, with the proviso that the

sum of the amorphous and crystalline portions amts. to 100 weight %, (b) between 5

and 25 weight % of amphoteric and/or non-ionic surfactants, with the proviso that the indicated quantities add up to 100 weight %, optionally by adding water. Thus a pearlescent concentrate was prepared from a composition of (weight/weight%):

glycol distearate 40; cocoamidopropylbetaine 6; laureth-4 8; laureth-10 2; water to 100. The mixture was heated to 70-90°C and the emulsion/dispersion was cooled to room temperature while stirring. The pearlescent product was composed of 83 weight/weight% crystals and 17 weight/weight%

amorphous part. The pearlescent concentrate was used as a 1.75 weight/weight% ingredient in a preparation that further contained (weight/weight%): Texapon NSO 20;

Plantacare 818 5.0; Dehyton PK 4520; Cetiol HE 0.5; Nutrilan 1 1.0; dimethicone 0.7; Arlypon F 1.6; sodium chloride 0.5. The preparation was stable (no phase separation) for 6 wk.

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(5 CITINGS)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2001:904187 CAPLUS

DOCUMENT NUMBER: 136:38801

TITLE: Aqueous compositions containing alkali metal salts of partial alkyl esters of phosphoric acid, method for stabilization and textile oils using them

INVENTOR(S): Minami, Hajimu; Watanabe, Jun; Nakamura, Yoshishige

PATENT ASSIGNEE(S): Matsumoto Yushi-Seiyaku Co., Ltd., Japan

SOURCE: PCT Int. Appl., 19 pp.

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE       |
|---|------|----------|-----------------|------------|
| WO 2001094356   | A1   | 20011213 | WO 2001-JP4740  | 20010605   |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |            |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |            |
| AU 2001062695   | A5   | 20011217 | AU 2001-62695   | 20010605   |
| PRIORITY APPLN. INFO.:  |      |          | JP 2000-210567  | A 20000607 |
|   |      |          | WO 2001-JP4740  | W 20010605 |
| AB An aqueous solution containing an alkali metal salt of a partial alkyl ester of  |      |          |                 |            |

phosphoric acid wherein the alkyl groups may be each linear or branched and have 16 to 22 carbon atoms on the average, the degree of phosphorylation is 0.6 to 1.0, and the degree of neutralization is 60 to 100% is stabilized by adding 1 to 10% of a polyhydric alc. having 3 to 12 carbon atoms and at least three hydroxyl groups for improving storage stability and handling. Textile oils containing the resulting stabilized aqueous solution as

the main component are also provided. Thus, a solution of 35% the phosphoric acid ester salt containing 8% glycerin showed viscosity 895 mPa·s initially and 1576 mPa·s after 4 wk at -5°, vs. 1467 and 4125, resp., for ethylene glycol in place of glycerin, or 1580 and 4040, resp., in the absence of the stabilizer.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2000:623529 CAPLUS  
 DOCUMENT NUMBER: 133:189326  
 TITLE: Pesticide emulsions prepared by the phase inversion temperature method  
 INVENTOR(S): Abribat, Benoit; Da Silva Marques, Maria  
 PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany; Sidobre-Sinnova S.A.  
 SOURCE: Ger. Offen., 6 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.   | KIND | DATE     | APPLICATION NO.  | DATE       |
|--|------|----------|------------------|------------|
| DE 19908559  | A1   | 20000907 | DE 1999-19908559 | 19990227   |
| CA 2362506   | A1   | 20000908 | CA 2000-2362506  | 20000218   |
| WO 2000051427  | A1   | 20000908 | WO 2000-EP1311   | 20000218   |
| W: BR, CA, US  |      |          |                  |            |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE |      |          |                  |            |
| EP 1162881   | A1   | 20011219 | EP 2000-916844   | 20000218   |
| EP 1162881   | B1   | 20040414 |                  |            |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI  |      |          |                  |            |
| BR 2000008445  | A    | 20020115 | BR 2000-8445     | 20000218   |
| AT 264055  | T    | 20040415 | AT 2000-916844   | 20000218   |
| ES 2219327   | T3   | 20041201 | ES 2000-916844   | 20000218   |
| US 6716443   | B1   | 20040406 | US 2001-914431   | 20011218   |
| PRIORITY APPLN. INFO.:   |      |          | DE 1999-19908559 | A 19990227 |
|  |      |          | WO 2000-EP1311   | W 20000218 |

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The title emulsions comprise a pesticides, nonionic emulsifiers, such as fatty alc. ethoxylates or fatty acid partial glycerides, and solvents. The emulsions have high stability in storage and can diluted with water.  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 12 11-20 ibib abs

L2 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1982:493471 CAPLUS  
 DOCUMENT NUMBER: 97:93471  
 ORIGINAL REFERENCE NO.: 97:15597a,15600a  
 TITLE: Poly(vinyl chloride) processing  
 INVENTOR(S): Lindner, Robert A.  
 PATENT ASSIGNEE(S): Henkel Corp., USA  
 SOURCE: U.S., 4 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE     |
|------------------------|------|----------|-----------------|----------|
| US 4336176             | A    | 19820622 | US 1981-223885  | 19810112 |
| PRIORITY APPLN. INFO.: |      |          | US 1981-223885  | 19810112 |

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 97:93471

AB PVC [9002-86-2] Compns. are provided containing an organotin stabilizer and a pentaerythritol partial ester which acts as both an internal lubricant and a costabilizer to scavenge HCl. Thus, a pentaerythritol partial ester of a C14-18 fatty acid mixture was prepared containing monoester 30, diester 50, and

triester 20%. Partial ester 0.2, dioctyltin diglycolate [82726-85-0] 1.5, and PVC 100 parts were calendered at 200°. The composition showed a substantial viscosity reduction at <0.5 part partial ester in PVC. When stearyl stearate was used in place of the partial ester, 1.0 phr was required before any internal lubricating effect was observed

OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD  
 (6 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1982:493455 CAPLUS  
 DOCUMENT NUMBER: 97:93455  
 ORIGINAL REFERENCE NO.: 97:15597a,15600a  
 TITLE: Poly(vinyl chloride) compositions and processing  
 INVENTOR(S): Lindner, Robert A.  
 PATENT ASSIGNEE(S): Henkel Corp., USA  
 SOURCE: U.S., 5 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE     |
|------------------------|------|----------|-----------------|----------|
| US 4332702             | A    | 19820601 | US 1981-223886  | 19810112 |
| PRIORITY APPLN. INFO.: |      |          | US 1981-223886  | 19810112 |

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 97:93455

AB Pentaerythritol fatty acid partial esters, fatty acid mixts. containing 0-10%

C14, 0-5% C15, 30-60% C16, 0-5% C17, and 30-60% C18, are internal lubricants and heat stabilizers (HCl scavengers) for PVC [9002-86-2]. Thus, 77.66 parts fatty acid mixture containing C14 3, C15 0.5, C16 42.5, C17

2,  
and C18 52% and 29.22 parts pentaerythritol were esterified 4 h at 190° to give a product containing monoester 30, diester 50, and triester 20%. A standard PVC formulation containing, in addition to the usual additives, 0.7 phr of the above fatty acid ester mixture had Brabender stability time 29.0 at 190° at 60 rpm.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
(3 CITINGS)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1981:444211 CAPLUS

DOCUMENT NUMBER: 95:44211

ORIGINAL REFERENCE NO.: 95:7571a,7574a

TITLE: Halogen-containing resin compositions

PATENT ASSIGNEE(S): Adeka Argus Chemical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 56030452 | A    | 19810327 | JP 1979-106430  | 19790821 |
| JP 62034062 | B    | 19870724 |                 |          |

PRIORITY APPLN. INFO.: JP 1979-106430 A 19790821

AB Phosphoric acid ester salts and polyhydric alcs. (>3 OH groups) or their carboxylic acid partial esters are used as heat stabilizers for the title compns. Thus, a sheet containing Geon 103EP [9002-86-2] 100, DOP 48, epoxidized soybean oil 2, Ca stearate 1, zinc ditridecyl phosphate [78146-11-9] 0.2, isodecyl di-Ph phosphite 0.5, and pentaerythritol (I) [115-77-5] 0.3 part had thermal stability 105 min at 190°, compared with 60 min for a similar sheet containing no I.

L2 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1979:478131 CAPLUS

DOCUMENT NUMBER: 91:78131

ORIGINAL REFERENCE NO.: 91:12581a,12584a

TITLE: Lubricant for plastic working of aluminum and its alloys

INVENTOR(S): Sakurai, Toshio; Yoshikawa, Masaharu; Takahashi, Masayuki

PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 54040260 | A    | 19790329 | JP 1977-107069  | 19770906 |

PRIORITY APPLN. INFO.:

AB The lubricant contains partial ester(s) of neopentyl-type polyol with C $\geq$ 5 fatty acid as effective component. Thus, a lubricant was prepared by mixing n-paraffin with 2% pentaerythritol [115-77-5]-C7-9 saturated fatty acid ester (monoester 25.6, diester 43.9, triester 27.5, tetraester 3.0%). When the lubricant was applied to an Al-(4.0-4.9)Mg-(0.3-1.0%)Mn block and its abrasion was tested in a Falex testing machine at 290 rpm and sliding velocity 0.0964 m/s, the weight loss was 9.0 mg. vs. 29.4 with only the n-paraffin.

L2 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1977:92228 CAPLUS  
 DOCUMENT NUMBER: 86:92228  
 ORIGINAL REFERENCE NO.: 86:14577a,14580a  
 TITLE: Modified fatty esters for the prevention of rust  
 INVENTOR(S): Yokota, Minoru; Imura, Kenji  
 PATENT ASSIGNEE(S): Umemoto, Yuzo, Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 51131504 | A    | 19761116 | JP 1975-57569   | 19750513 |

PRIORITY APPLN. INFO.:

AB A partial ester of pentaerythritol (I) [115-77-5] with hydrogenated Aliphat 47 (a monomer acid separated from a dimer acid) (II) [61840-21-9] was used to prevent the formation of rust. Thus, 1 kg II was hydrogenated at 250°/25 atm for 5 h in the presence of 50 g Raney Ni, filtered, mixed (300 g) with 145 g I, heated to 235° during 2 h, and allowed to react for an addnl. 3 h with removal of 55 mL water to prepare an ester.

L2 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1976:466699 CAPLUS  
 DOCUMENT NUMBER: 85:66699  
 ORIGINAL REFERENCE NO.: 85:10723a,10726a  
 TITLE: Precoating for high-strength steel sheets with high press-mold scuffing resistance and good drawability  
 INVENTOR(S): Imamura, Jun; Okamoto, Akira; Kikuma, Toshio  
 PATENT ASSIGNEE(S): Nippon Steel Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 51011027 | A    | 19760128 | JP 1974-81751   | 19740718 |

JP 56019260 B 19810506 JP 1974-81751 19740718  
 PRIORITY APPLN. INFO.:  
 AB The title steel sheet is manufactured by forming a lubricant film, obtained by dispersing a polyhydric alc., metallic soap, animal and vegetable oils, etc., in a water-soluble resin on the surface of a high-strength steel sheet having a uniform elongation of >10% and a tensile strength of >45 kg/mm<sup>2</sup>. The steel sheet is especially useful for automobiles and trucks. Thus, on a cold-rolled steel [59912-91-3] sheet containing C 0.09, Si 0.92, Mn 0.97, P 0.017, S 0.006, and Cr 0.32% and having yield point 37.7, tensile strength 55.6 kg/mm<sup>2</sup>, and elongation 16.9%, a 2  $\mu$ -thick film obtained by dispersing a half ester of pentaerythritol in an aqueous solution of acrylic resin containing Zn(OH)<sub>2</sub> was electrodeposited. The steel sheet performed well in pressing tests.

L2 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1976:139431 CAPLUS  
 DOCUMENT NUMBER: 84:139431  
 ORIGINAL REFERENCE NO.: 84:22653a,22656a  
 TITLE: Lubricating oil compositions for press forming of steel sheets  
 INVENTOR(S): Shimada, Shoji; Kamimura, Yoshiharu; Shinagawa, Yasuo; Kikuma, Toshio; Hasuka, Kaname  
 PATENT ASSIGNEE(S): Nippon Steel Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 50067806 | A    | 19750606 | JP 1973-117984  | 19731022 |

PRIORITY APPLN. INFO.:  
 AB Lubricating oil compns. for press-forming of steel [12597-69-2] sheets contain chiefly fatty acid esters of pentaerythritol (I) [115-77-5], sorbitan, glycerol, or trimethylolethane. Thus, a composition of partial esters from I and hydrogenated beef tallow fatty acid 30, tetraester of I with hydrogenated beef tallow fatty acid 30, chlorinated stearic acid [57-11-4] 30, and polypropylene glycol [25322-69-4] 10 parts had m.p. 40° and provided excellent lubrication during press-forming of steel, prevented corrosion of steel, and was easily removed.

L2 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1973:406897 CAPLUS  
 DOCUMENT NUMBER: 79:6897  
 ORIGINAL REFERENCE NO.: 79:1151a,1154a  
 TITLE: Very light alkyds  
 INVENTOR(S): Macku, Vladislav; Hajek, Karel; Stanek, Jiri  
 SOURCE: Czech., 2 pp.  
 CODEN: CZXXA9  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Czech  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| CS 146600  |      | 19721215 | CS 1969-133     | 19690110 |

AB A soybean oil or linseed oil partial ester with pentaerythritol (I) [115-77-5] formed in the presence of calcium oxide [1305-78-8] or lead oxide [1335-25-7] was treated with a mixture of phthalic anhydride (II) [85-44-9] and a C4-6  $\alpha,\beta$ -unsatd. dicarboxylic acid, anhydride, or monester in the mole ratio 1.0.02-0.04 in aromatic hydrocarbons to give light alkyd resins. Thus, 19.4 mole % soybean oil, 31.4 mole % I, 110 g CaO, and 110 g PbO were mixed under N, heated 2 hr at 240.deg., cooled to 160.deg., treated with 48.2 mole % II, 1.0 mole % maleic acid monobutyl ester [925-21-3], and 5 parts xylene, heated 1-2 hr, at 185.deg. and heated to 240.deg. to complete the esterification and give a product with acid number .sim.6 mg KOH/g.

L2 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1973:17103 CAPLUS

DOCUMENT NUMBER: 78:17103

ORIGINAL REFERENCE NO.: 78:2725a,2728a

TITLE: Polycarboxylic curing agent

INVENTOR(S): Cunningham, Arthur L.

PATENT ASSIGNEE(S): Sherwin-Williams Co.

SOURCE: U.S., 5 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 3699064 | A    | 19721017 | US 1970-98183   | 19701214 |

PRIORITY APPLN. INFO.: US 1970-98183 A 19701214

AB Treatment of pentaerythritol (I) [115-77-5] with chlorendic anhydride (II) [115-27-5] and Nedox 1518 [12609-83-5] (a C15-18  $\alpha$ -olefin oxide), Cardura E [11120-34-6] (a glycidyl ester of a branched tertiary carboxylic acid), or Flexol EP-8 [37191-45-0] (epoxidized octyl tallate) so that the OH-dianhydride-epoxide mole ratio was 1:1.15-1.5:0.15-0.5 at 100-200° to give epoxy resin curing agents completely soluble in paraffinic hydrocarbons. Thus, a 1:1.32:0.32 (mole ratio) I-II-Nedox 1518 mixture was heated at .leq.270°F to give a partial ester(III), which gave a clear, homogeneous 61% solids solution in Varnish Makers and Painters Naphtha of Gardner color 1-2 and Gardner-Holdt viscosity T. A film containing a 40:60 III-modified epoxidized soybean oil mixture on steel panels with a 3-mil drawdown had a Taber abrasion of 95 and a reverse impact strength of 160 in-lbs.

L2 ANSWER 20 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1972:500849 CAPLUS

DOCUMENT NUMBER: 77:100849

ORIGINAL REFERENCE NO.: 77:16623a,16626a

TITLE: Partial esters of poly(neopentyl polyols) and aliphatic monocarboxylic acids

INVENTOR(S): Leibfried, Raymond T.

PATENT ASSIGNEE(S): Hercules Inc.

SOURCE: U.S., 4 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.   | KIND | DATE     | APPLICATION NO.   | DATE       |
|--|------|----------|---|------------|
| US 3670013   | A    | 19720613 | US 1969-867087  | 19691016   |
| PRIORITY APPLN. INFO.:   |      |          | US 1969-867087  | A 19691016 |
| AB Pentaerythritol (272 parts) and 217 parts Me(CH <sub>2</sub> ) <sub>3</sub> CO <sub>2</sub> H (I) was heated at 171°, trace of H <sub>2</sub> O collected in a Barrett moisture trap containing 38 parts I, 1 part concentrated H <sub>2</sub> SO <sub>4</sub> diluted with 2 parts H <sub>2</sub> O added, the whole heated at 192° until 50.5 parts H <sub>2</sub> O collected in the trap (1.4 hr), and the catalyst neutralized with NaOH to give partial esters of polypentaerythritols and I. |      |          |   |            |
| OS.CITING REF COUNT:   |      | 4        | THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD<br>(4 CITINGS) |            |

=> d his

(FILE 'HOME' ENTERED AT 09:26:33 ON 10 SEP 2010)

FILE 'REGISTRY' ENTERED AT 09:26:56 ON 10 SEP 2010  
 E 2,2-BISHYDROXYMETHYL-1,3-PROPANEDIOL/CN  
 E PENTAERYTHRITOL/CN

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 09:28:56 ON 10 SEP 2010  
 L2 20 S L1 (L) (PARTIAL (2A) ESTER)

=> s 11  
 L3 13220 L1

=> s 13 (L) (cosmetic? or pharmac?)  
 109835 COSMETIC?  
 849638 PHARMAC?  
 L4 276 L3 (L) (COSMETIC? OR PHARMAC?)

=> s 14 and ester?  
 1041297 ESTER?  
 L5 186 L4 AND ESTER?

=> s 15 and (fatty (a) acid)  
 453388 FATTY  
 14 FATTIES  
 453392 FATTY  
 (FATTY OR FATTIES)  
 5128612 ACID  
 1773446 ACIDS  
 5678299 ACID  
 (ACID OR ACIDS)  
 400562 FATTY (A) ACID  
 L6 108 L5 AND (FATTY (A) ACID)

=> s 16 and (caproic or caprylic or capric or lauric or myristic or palmitic or stearic or arachidic or behenic)

7832 CAPROIC  
 8381 CAPRYLIC  
 7084 CAPRIC  
 22135 LAURIC  
 3 LAURICS  
 22136 LAURIC  
 (LAURIC OR LAURICS)  
 18090 MYRISTIC  
 47283 PALMITIC  
 1 PALMITICS  
 47283 PALMITIC  
 (PALMITIC OR PALMITICS)  
 84804 STEARIC  
 6007 ARACHIDIC  
 5762 BEHENIC  
 L7 31 L6 AND (CAPROIC OR CAPRYLIC OR CAPRIC OR LAURIC OR MYRISTIC OR  
 PALMITIC OR STEARIC OR ARACHIDIC OR BEHENIC)

=> s 17 not 12

L8 31 L7 NOT L2

=> d 18 1-10 ibib abs

L8 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2010:499327 CAPLUS  
 DOCUMENT NUMBER: 152:509170  
 TITLE: Cosmetic or dermopharmaceutical composition containing  
 Pseudoalteromonas ferment extract  
 INVENTOR(S): Perez Arcas, Roman; Oncins Bergas, Carla; Garcia  
 Anton, Jose Maria  
 PATENT ASSIGNEE(S): Lipotec, S.A., Spain  
 SOURCE: PCT Int. Appl., 33pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE       |
|---|------|----------|-----------------|------------|
| WO 2010043346   | A1   | 20100422 | WO 2009-EP7258  | 20091009   |
| W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,<br>CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG,<br>ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP,<br>KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA,<br>MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE,<br>PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV,<br>SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW |      |          |                 |            |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,<br>IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI,<br>SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,<br>SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG,<br>ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  |      |          |                 |            |
| ES 2336995  | A1   | 20100419 | ES 2008-2885    | 20081013   |
| PRIORITY APPLN. INFO.:  |      |          | ES 2008-2885    | A 20081013 |
| AB Cosmetic or dermopharmaceutical compns. containing Pseudoalteromonas ferment<br>extract for the treatment and/or care of the skin, scalp and/or nails,   |      |          |                 |            |

preferably to improve the barrier function of the skin, scalp and/or nails, and specifically for the treatment and/or care of those conditions, disorders and/or pathologies of the skin, scalp and/or nails associated with an alteration in the keratinization process. Thus, hand and foot cream composition comprised (in weight%): Antarcticine C (Pseudoalteromonas ferment extract) 1.00, carrageenan (Chondrus crispus) 0.07, glucose 3.5 + 10-3, xanthan gum 0.12, glycerin 5.00, urea 3.00, musk rose (Rosa moschata) seed oil, ascorbyl palmitate 0.20, shea butter 5.00, ethylhexyl palmitate 7.00, C12-15 alkyl benzoate 2.50, caprylic/capric triglyceride 5.00, stearic acid, palmitic acid 3.00, glyceryl stearate 4.50, glyceryl stearate citrate 1.00, polyglyceryl-3 stearate 3.00, butylene glycol dicaprylate/dicaprate 2.00, dimethicone 2.00, carbomer 0.30, disodium EDTA 0.30, phenoxyethanol, methylparaben, ethylparaben, butylparaben, propylparaben, isobutylparaben 0.88, imidazolidinylurea 0.20, BHT 0.05, fragrance 0.20, water q.s.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:1348996 CAPLUS

DOCUMENT NUMBER: 151:576888

TITLE: Method for producing negative ion water with high safety and long-term stability suitable for cosmetics, medical/food/environmental disinfectants and pharmaceutical preparations by oxygen removal, electrolysis and stabilization

INVENTOR(S): Okajima, Masahiro; Xu, Yan

PATENT ASSIGNEE(S): Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 24pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO.  | DATE     |
|------------------------|------|----------|------------------|----------|
| CN 101565256           | A    | 20091028 | CN 2007-10046103 | 20070918 |
| PRIORITY APPLN. INFO.: |      |          | CN 2007-10046103 | 20070918 |

AB The title method for producing neg. ion water comprises removing O from pure water with ion exchange membrane to reach a dissolved O content <1 ppm, electrolyzing, and placing in sealed stabilization tank under pressure of 4 Kg/cm<sup>2</sup> for 2-3 days for stabilization treatment. The obtained neg. ion water can maintain strong alkalinity for a long term to ensure persistent bactericidal effect, while the alkalinity disappears immediately after contact with human body to thereby achieve safety/harmlessness. The neg. ion water also has excellent detergency and antistatic and deodorant effects. It can be used in formulations, such as cosmetics, topical medical/food/environmental disinfectants and pharmaceutical prepns., safe/harmless to human body and suitable for long-term storage.

L8 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:49593 CAPLUS

DOCUMENT NUMBER: 150:128387

TITLE: Cosmetic or dermatological preparations containing one or more apiogalacturonans or Zostera marina extract

INVENTOR(S): containing apiogalacturonans and alcohols and/or polyols  
 Filbry, Alexander; Siefken, Wilfried; Breitenbach, Ute; Scherner, Cathrin; Jacobsen, Sarah  
 PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany  
 SOURCE: Ger. Offen., 17pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO.      | DATE     |
|------------------------|------|----------|----------------------|----------|
| DE 102007032660        | A1   | 20090115 | DE 2007-102007032660 | 20070713 |
| PRIORITY APPLN. INFO.: |      |          | DE 2007-102007032660 | 20070713 |

AB The invention concerns cosmetic and dermatol. preps. containing (a) one or more apiogalacturonan or a *Zostera marina* extract containing apiogalacturonans; (b) alcs. and/or polyols. Thus an O/W night cream contained (weight/weight%): glyceryl stearate citrate 2; cetyl palmitate 2; cetyl alc. 4; tocopheryl acetate 1; hydrogenated coco glycerides 2; caprylic/capric triglyceride 2; ethylhexyl coco fatty acid ester 2; cyclomethicone 3; dicaprylyl ether 2; retinyl palmitate 0.1; methylpropanediol 3; ubiquinone Q10 0.1; sodium ascorbyl phosphate 0.1; *Zostera marina* extract 1.0; paraben 0.6; ethylhexylglycerin 0.5; carbomer 0.2; EDTA 0.2; glycerin 10; water and oil soluble dyes 0.05; fillers, additives (silica, BHT) 0.2; perfume q.s.; water to 100.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2008:1533359 CAPLUS  
 DOCUMENT NUMBER: 150:77902  
 TITLE: Skin and lip cosmetics containing a polyester and a branched hydrocarbon  
 INVENTOR(S): Ricard, Audrey  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: U.S. Pat. Appl. Publ., 21 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| US 20080317693  | A1   | 20081225 | US 2008-142124  | 20080619 |
| FR 2917614  | A1   | 20081226 | FR 2007-55931   | 20070621 |
| FR 2917614  | B1   | 20091002 |                 |          |
| EP 2008645  | A1   | 20081231 | EP 2008-158045  | 20080611 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS |      |          |                 |          |
| KR 2008112995   | A    | 20081226 | KR 2008-58618   | 20080620 |
| JP 2009007359   | A    | 20090115 | JP 2008-162515  | 20080620 |
| IN 2008CN03124  | A    | 20090306 | IN 2008-CN3124  | 20080620 |

|                        |    |          |                  |            |
|------------------------|----|----------|------------------|------------|
| CN 101411677           | A  | 20090422 | CN 2008-10175614 | 20080620   |
| RU 2385708             | C2 | 20100410 | RU 2008-125138   | 20080620   |
| PRIORITY APPLN. INFO.: |    |          | FR 2007-55931    | A 20070621 |
|                        |    |          | US 2007-929738P  | P 20070711 |

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 150:77902

AB The present patent application relates to a composition containing a certain

type

of polyester and a branched hydrocarbon compound. Also described is a cosmetic treatment method employing the composition and the use of this composition

for caring for or making up the skin or lips. E.g., pentaerythrityl benzoate/isophthalate/isostearate is prepared from pentaerythritol and the corresponding acids and this ester used in a lipstick formulation.

L8 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:548138 CAPLUS

DOCUMENT NUMBER: 148:502704

TITLE: Multilayer stick-type lip cosmetic compositions

INVENTOR(S): Watanabe, Haruki; Otomo, Tadakazu; Tanabe, Yuki

PATENT ASSIGNEE(S): Doctor Program K. K., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 18pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE     |
|------------------------|------|----------|-----------------|----------|
| -----                  | ---- | -----    | -----           | -----    |
| JP 2008105951          | A    | 20080508 | JP 2006-287261  | 20061023 |
| PRIORITY APPLN. INFO.: |      |          | JP 2006-287261  | 20061023 |

AB The invention relates to a stick-type cosmetic composition for providing both moisture and gloss to the lips with excellent storage stability, wherein the composition consists of a core part containing a liquid oil-containing oily composition

with a hardness 1-75 g, and an outer part containing solid and liquid oily components. For example, stick-type lip cosmetic composition containing core material with a hardness 1 containing hydrogenated polyisobutene 40, glyceryl tri-2-ethylhexanoate 8, isotridecyl isononanoate 10, diisostearyl malate 20, squalane 10, and dextrin palmitate 12 parts, and an outer material with a hardness 110 containing hydrogenated polyisobutene 30, neopentylglycol dicaprate 9.8, glyceryl tri(caprate/caprylate) 15, polyethylene wax 12, diisostearyl malate 10, octyldodecyl myristate 5, squalane 5, microcryst. wax 8, tocopherol 0.1, polyglyceryl triisostearate 5, and iron oxide 0.1 parts was formulated.

L8 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:1146371 CAPLUS

DOCUMENT NUMBER: 147:433002

TITLE: Moisturizing oily cosmetics containing hydrocarbons with different melting points, water-holding oils, and dextrin fatty acid esters

INVENTOR(S): Himeno, Tatsuya

PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 15pp.

DOCUMENT TYPE: CODEN: JKXXAF  
 LANGUAGE: Patent  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE     |
|------------------------|------|----------|-----------------|----------|
| JP 2007262033          | A    | 20071011 | JP 2006-92636   | 20060330 |
| PRIORITY APPLN. INFO.: |      |          | JP 2006-92636   | 20060330 |

AB Title cosmetics, which have soft texture in application to skin, show long-lasting moisturizing effect, and give no skin-occlusive feel despite large amount of hydrocarbons, contain (A) hydrocarbons with m.p. 61-90°, (B) hydrocarbons with m.p. 30-60°, (C) water-holding oils, and (D) dextrin fatty acid esters. Thus, a stick-type lip cream was formulated containing Multiwax W 835, Eldew PS 203 (lauroylglutamic acid phytosteryl octyldodecyl diester), Rheopearl KL (dextrin palmitate) was stored at 40° for 1 mo to show no change in the appearance.

L8 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:1117891 CAPLUS  
 DOCUMENT NUMBER: 147:432993  
 TITLE: Cosmetic or pharmaceutical composition containing a polycondensate  
 INVENTOR(S): Rodriguez, Ivan; Ramin, Roland; Giustiniani, Pascal; Malle, Gerard; Ilekti, Philippe  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: Fr. Demande, 42pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE       |
|---|------|----------|------------------|------------|
| FR 2899100  | A1   | 20071005 | FR 2006-51190    | 20060404   |
| FR 2899100  | B1   | 20080808 |                  |            |
| EP 1844761  | A1   | 20071017 | EP 2007-103780   | 20070308   |
| EP 1844761  | B1   | 20100519 |                  |            |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,<br>IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR,<br>AL, BA, HR, MK, YU |      |          |                  |            |
| AT 468103   | T    | 20100615 | AT 2007-103780   | 20070308   |
| ES 2344475  | T3   | 20100827 | ES 2007-103780   | 20070308   |
| US 20080069786  | A1   | 20080320 | US 2007-693842   | 20070330   |
| JP 2007277239   | A    | 20071025 | JP 2007-97695    | 20070403   |
| BR 2007001337   | A    | 20071211 | BR 2007-1337     | 20070403   |
| CN 101088487  | A    | 20071219 | CN 2007-10096808 | 20070403   |
| IN 2007DE00755  | A    | 20071005 | IN 2007-DE755    | 20070404   |
| KR 2007099487   | A    | 20071009 | KR 2007-33436    | 20070404   |
| KR 847713   | B1   | 20080723 |                  |            |
| PRIORITY APPLN. INFO.:  |      |          | FR 2006-51190    | A 20060404 |
|   |      |          | US 2006-792322P  | P 20060417 |

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB A composition cosmetic or pharmaceutical composition, in particular a nail varnish,

comprises a condensation polymer obtained by reaction of a polyol containing 3 to 6 hydroxyl groups; a nonarom., saturated or unsatd. monocarboxylic acid; an aromatic monocarboxylic acid comprising 7 to 11 carbon atoms; and a saturated or unsatd., aromatic, linear, branched and/or cyclic polycarboxylic acid containing at least 2 carboxylic groups; and/or a cyclic anhydride of such polycarboxylic acid. A mixture of benzoic acid, isostearic acid, pentaerythritol, and isophthalic acid was heated for 220° for 11 h to obtain a polycondensate of pentaerythrityl benzoate/isophthalate/isostearate in a form of a thick oil which solidified in room temperature. The acid index and the hydroxyl index of the polycondensate was 12.7 and 49, resp. Formulation of nail polish containing 14 g of the above polycondensate is disclosed.

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2007:61593 CAPLUS  
 DOCUMENT NUMBER: 146:148423  
 TITLE: Cosmetic mascaras containing waxes and hydrocolloids and method for preparation  
 PATENT ASSIGNEE(S): Schwan-Stabilo Cosmetics G.m.b.H. & Co. K.-G., Germany  
 SOURCE: Ger. Offen., 17pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.      | DATE     |
|---|------|----------|----------------------|----------|
| DE 102005033520   | A1   | 20070118 | DE 2005-102005033520 | 20050714 |
| DE 102005033520   | B4   | 20071220 |                      |          |
| US 20070014744  | A1   | 20070118 | US 2005-246815       | 20051007 |
| CA 2523673  | A1   | 20070114 | CA 2005-2523673      | 20051017 |
| WO 2007031139   | A1   | 20070322 | WO 2006-EP6913       | 20060714 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW |      |          |                      |          |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  |      |          |                      |          |
| EP 1916989  | A1   | 20080507 | EP 2006-828795       | 20060714 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR   |      |          |                      |          |
| US 20090196842  | A1   | 20090806 | US 2006-628119       | 20061201 |
| KR 2008037673   | A    | 20080430 | KR 2008-703604       | 20080214 |
| KR 975632   | B1   | 20100817 |                      |          |

PRIORITY APPLN. INFO.: DE 2005-102005033520A 20050714  
WO 2006-EP6913 W 20060714

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
AB The invention concerns cosmetic mascaras that are O/W emulsions and contain waxes, fatty acids, polyols, a film-forming polymer, a nonionic emulsifier, and a gel; the gel is a hydrocolloid. Thus a pasty mascara included (weight/weight): water 51.380; polyvinyl alc. 6.000; hydroxyethyl cellulose 1.300; sorbitol 2.500; glycerin 1.000; panthenol 0.250; aminomethyl propanol 0.550; sorbitan olivate 6.500; stearic acid 4.000; PVP-hexadecene copolymer 1.500; Carnauba wax 3.500; rice bran wax 4.500; iso-Pr myristate and Bambusa Vulgaris extract 0.200; bis-PEG/PPG-16/16-PEG/PPG-16/16-dimethicone 0.500; caprylic/capric triglyceride 0.300; iron oxide black 9.500; tocopherol acetate 0.350; fragrance 0.250; dimethicone 4.500; polyurethane-2 2.000; IPBC 0.020; phenoxyethanol 0.400.

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:1126614 CAPLUS

DOCUMENT NUMBER: 143:392542

TITLE: Wax mixture based on partial glycerides and pentaerythriol esters for use as viscosity-increasing component in cosmetic and pharmaceutical emulsions

INVENTOR(S): Goget, Caroline; Issberner, Ulrich; Kawa, Rolf; Mitchell, Catherine

PATENT ASSIGNEE(S): Cognis Ip Management G.m.b.H., Germany

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.      | DATE     |
|---|------|----------|----------------------|----------|
| WO 2005097056   | A1   | 20051020 | WO 2005-EP3233       | 20050326 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                      |          |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                      |          |
| DE 102004017222   | A1   | 20051020 | DE 2004-102004017222 | 20040405 |
| DE 102004031939   | A1   | 20060119 | DE 2004-102004031939 | 20040630 |
| EP 1750659  | A1   | 20070214 | EP 2005-716400       | 20050326 |
| R: DE, ES, FR, GB, IT   |      |          |                      |          |
| CN 1933810  | A    | 20070321 | CN 2005-80009623     | 20050326 |
| JP 2007531777   | T    | 20071108 | JP 2007-506691       | 20050326 |

|                        |    |          |                       |            |
|------------------------|----|----------|-----------------------|------------|
| US 20080249192         | A1 | 20081009 | US 2008-547592        | 20080317   |
| PRIORITY APPLN. INFO.: |    |          | DE 2004-102004017222A | 20040405   |
|                        |    |          | DE 2004-102004031939A | 20040630   |
|                        |    |          | DE 2004-102004039471A | 20040814   |
|                        |    |          | WO 2005-EP3233        | W 20050326 |

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The invention relates to water-free wax mixts. containing, as components, (a) at least one pentaerythriol, dipentaerythriol, tripentaerythriol ester or any particular mixture of said esters and as components (b) at least one partial glyceride, wherein the ratio from (a)- to- (b)- is from 1: 3 to 3: 1. The invention also optionally relates to self-emulsifying bases which contain the inventive wax mixture in addition to at least one emulsifier (c) which is selected from the group of anionic or non-ionic emulsifiers having an HLB value greater than 10. The invention further relates to the use of the wax mixts. or self-emulsifying bases in the cosmetic industry. Thus a composition contained (weight/weight%): Cutina GMS 3.75; pentaerythryldistearate 0.75; cococaprylate/caprate 16; sodium stearoyl glutamate 0.5; glycerin 3; water 75.5. The emulsion was stable for 12 wk when compared to a similar composition without pentaerythryldistearate.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)  
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2005:1077896 CAPLUS  
 DOCUMENT NUMBER: 143:372847  
 TITLE: Gels containing metallic soaps and coupling agents for cosmetic uses  
 INVENTOR(S): Walton, Richard  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 29 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE        |
|------------------------|------|----------|-----------------|-------------|
| US 20050220832         | A1   | 20051006 | US 2005-87570   | 20050324    |
| US 20090257968         | A1   | 20091015 | US 2009-453308  | 20090506    |
| PRIORITY APPLN. INFO.: |      |          | US 2004-556052P | P 20040325  |
|                        |      |          | US 2005-87570   | A2 20050324 |

OTHER SOURCE(S): MARPAT 143:372847

AB The present invention provides an enhanced gelling agent composition comprising a mixture of a metallic soap and a coupling agent. The invention also describes compns. in gel form comprising: (a) a solvent selected from the group consisting of polar solvents, nonpolar solvents and combinations thereof; and (b) a gelling agent in an amount sufficient to impart gelation to the composition, the gelling agent being a mixture comprising a metallic soap and a coupling agent. The gels of the invention may be substantially anhydrous or may optionally contain water as part of the formulation. For example, 50 g Drakeol 10 was heated in a beaker. In a second beaker, 10 g

Ethox 4075 and 2 g sodium stearate were heated to a temperature sufficient to afford mixing. Once a one-phase system was obtained, the content of the beaker containing the Drakeol 10 was added. If some gelation occurred, thus hindering mixing, heating the mass should be kept until the gel breaks. Upon cooling a firm, translucent gel was observed

=&gt;

=&gt; d 18 11-20 ibib abs

L8 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2005:540476 CAPLUS  
 DOCUMENT NUMBER: 143:65441  
 TITLE: Preparation of mixed phase co-crystals with pharmaceuticals  
 INVENTOR(S): Goldman, David  
 PATENT ASSIGNEE(S): Medcrystalforms, LLC, USA  
 SOURCE: PCT Int. Appl., 78 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE       |
|---|------|----------|-----------------|------------|
| WO 2005055983   | A2   | 20050623 | WO 2004-US41500 | 20041209   |
| WO 2005055983   | A3   | 20070301 |                 |            |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                 |            |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |            |
| CA 2548281  | A1   | 20050623 | CA 2004-2548281 | 20041209   |
| US 20050181041  | A1   | 20050818 | US 2004-8034    | 20041209   |
| EP 1727520  | A2   | 20061206 | EP 2004-813765  | 20041209   |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU   |      |          |                 |            |
| JP 2007516259   | T    | 20070621 | JP 2006-544038  | 20041209   |
| PRIORITY APPLN. INFO.:  |      |          | US 2003-528232P | P 20031209 |
|   |      |          | US 2004-559862P | P 20040406 |
|   |      |          | WO 2004-US41500 | W 20041209 |

AB This invention pertains to a method of preparing mixed phase co-crystals of active agents with one or more materials that allows the modification of the active agent to a new phys./crystal form with unique properties useful for the delivery of the active agent, as well as compns. comprising the mixed phase co-crystals. Thus, a mixed phase co-crystal formulation contained itraconazole 5000, Steareth-20 2500, and Pluronic F 68 2500 mg, and soybean oil 100 mL.

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD

REFERENCE COUNT: 6 (4 CITINGS)  
 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:876445 CAPLUS  
 DOCUMENT NUMBER: 141:354843  
 TITLE: Oily cosmetic compositions containing solid oil, maltodextrin, and hydrate oils  
 INVENTOR(S): Himeno, Tatsuya  
 PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| JP 2004292371 | A    | 20041021 | JP 2003-87319   | 20030327 |
| JP 4421831    | B2   | 20100224 |                 |          |

PRIORITY APPLN. INFO.: JP 2003-87319 20030327  
 AB The invention relates to an oily cosmetic composition having excellent storage stability, use feel, and moisturizing effect, wherein the composition is characterized by containing a solid oil having a m.p. of  $\geq 80^\circ$ , maltodextrin, and a hydrate oil. A stick-type lip cream composition was prepared from ethylene-propylene copolymer 7, ceresin wax 8, pentaerythritol rosinate 5, diisostearyl maleate 10, cetyl 2-Et hexanoate 20, N-acylglutamate (Eldew CL-301) 15, lanolin acetate 20, tapioca-derived maltodextrin (dextrose equivalent 16-19) 5, silica 0.5, 2-ethylhexyl-p-methoxycinnamate 1,  $\alpha$ -tocopherol 0.1, fragrance/preservative q.s., and polyglyceryl triisostearate balance to 100 % was formulated.

L8 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:753127 CAPLUS  
 DOCUMENT NUMBER: 141:265584  
 TITLE: Cosmetic composition comprising a hydroxylated carboxylic acid triglyceride polyester and a pasty compound  
 INVENTOR(S): Blin, Xavier; Filippi, Vanina  
 PATENT ASSIGNEE(S): L'oreal, Fr.  
 SOURCE: Eur. Pat. Appl., 19 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| EP 1457193  | A1   | 20040915 | EP 2004-290592  | 20040304 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR |      |          |                 |          |
| FR 2852233  | A1   | 20040917 | FR 2003-3077    | 20030312 |

|                        |    |          |                 |            |
|------------------------|----|----------|-----------------|------------|
| FR 2852233             | B1 | 20060630 |                 |            |
| FR 2852235             | A1 | 20040917 | FR 2003-3079    | 20030312   |
| FR 2852235             | B1 | 20060630 |                 |            |
| JP 2004277419          | A  | 20041007 | JP 2004-69538   | 20040311   |
| US 20040241121         | A1 | 20041202 | US 2004-797051  | 20040311   |
| PRIORITY APPLN. INFO.: |    |          |                 |            |
|                        |    |          | FR 2003-3077    | A 20030312 |
|                        |    |          | FR 2003-3079    | A 20030312 |
|                        |    |          | US 2003-456228P | P 20030321 |
|                        |    |          | US 2003-456230P | P 20030321 |

AB The title compns. are claimed which have remarkable cosmetic properties such as luster, and comfort. A lipstick contained Zenigloss 22, Elefacos ST9 11, 2-decyldodecanoic acid triglyceride 20, hydrogenated polyisobutene 10, di-isostearyl malate 11, polybutylene 2.5, octacosanyl stearate 5, a mixture of lauric, myristic, palmitic, stearic acid triglycerides 2, polyethylene wax 5, hectorite modified by di-stearyl di-Me ammonium chloride 3, pigments q.s., preservatives q.s., and perfume q.s. 100%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:718297 CAPLUS  
 DOCUMENT NUMBER: 141:226389  
 TITLE: Polyesteramine having tertiary amine functional group useful as additives in cosmetic and lubricant application  
 INVENTOR(S): Burgo, Rocco Vincent; Smith, Diana Louise; Ching, Hor P.  
 PATENT ASSIGNEE(S): Inolex Investment Corp., USA; Inolex Invest Corp  
 SOURCE: PCT Int. Appl., 43 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE        |
|---|------|----------|------------------|-------------|
| WO 2004073617   | A2   | 20040902 | WO 2004-US4139   | 20040213    |
| WO 2004073617   | A3   | 20050526 |                  |             |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,<br>CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,<br>GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,<br>LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI<br>RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,<br>BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,<br>MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,<br>GQ, GW, ML, MR, NE, SN, TD, TG |      |          |                  |             |
| US 20050063938  | A1   | 20050324 | US 2004-779306   | 20040213    |
| EP 1596875  | A2   | 20051123 | EP 2004-711099   | 20040213    |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  |      |          |                  |             |
| CN 1764464  | A    | 20060426 | CN 2004-80007361 | 20040213    |
| US 20080279795  | A1   | 20081113 | US 2008-180004   | 20080725    |
| PRIORITY APPLN. INFO.:  |      |          |                  |             |
|   |      |          | US 2003-447530P  | P 20030214  |
|   |      |          | US 2004-779306   | A3 20040213 |
|   |      |          | WO 2004-US4139   | W 20040213  |

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB A polyesteramine comprises at least one tertiary amine group, at least one ester linkage and at least one alkyl chain, and is prepared by reacting at least one tertiary amine functional polyol, at least one polyfunctional carboxylic acid and at least one monofunctional carboxylic acid or monofunctional alc.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:695458 CAPLUS

DOCUMENT NUMBER: 141:230304

TITLE: Skin moisturizing, lightening, and antiaging cosmetics and (quasi)drugs containing shellfish collagens type I ( $\alpha 1$ )<sub>3</sub>

INVENTOR(S): Tada, Takahiro; Tsuji, Nobuhide; Adachi, Katsuyoshi

PATENT ASSIGNEE(S): Mikimoto Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 21 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| JP 2004238386 | A    | 20040826 | JP 2003-118440  | 20030423 |

PRIORITY APPLN. INFO.:

AB Cosmetics and (quasi)drugs contain (derivs. of) shellfish collagen type I ( $\alpha 1$ )<sub>3</sub> and skin moisturizers, softening agents, cell activators, anti-inflammatory agents, antioxidants, circulation promoters, and/or skin-lightening agents. Thus, a liquid cosmetic was formulated containing pearl oyster collagen type I ( $\alpha 1$ )<sub>3</sub> and Na hyaluronate.

OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD  
(6 CITINGS)

L8 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:515354 CAPLUS

DOCUMENT NUMBER: 141:76380

TITLE: New lanolin substitutes and lanolin alcohols for cosmetic and dermatological and industrial uses

INVENTOR(S): Charlier De Chily, Pierre; Raynard, Mikaele

PATENT ASSIGNEE(S): Aldivia, Fr.

SOURCE: Fr. Demande, 34 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| FR 2849053    | A1   | 20040625 | FR 2002-16742   | 20021223 |
| FR 2849053    | B1   | 20050715 |                 |          |
| WO 2004065533 | A1   | 20040805 | WO 2003-FR3759  | 20031217 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,  
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,  
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003300641 A1 20040813 AU 2003-300641 20031217

EP 1576077 A1 20050921 EP 2003-815417 20031217

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: FR 2002-16742 A 20021223  
 WO 2003-FR3759 W 20031217

AB A lanolin substitute and deriv, such as a lanolin alc. is capable of absorbing at least twice its weight of water or an aqueous solution or aqueous suspension. These compds. have better organoleptic and physicochem. properties than those of lanolin. The substitutes are obtained by a partial synthesis starting from a mixture of saturated and/or unsatd. fatty acids, or their esters preferably without a catalyst and in an inert atmospheric the substitutes find uses in cosmetic, pharmaceutical, and veterinary and industrial fields.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
 (1 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:470335 CAPLUS

DOCUMENT NUMBER: 141:28235

TITLE: Water-based emulsifier-wax gels

INVENTOR(S): Dietz, Thomas

PATENT ASSIGNEE(S): Goldschmidt A.-G., Germany; Evonik Goldschmidt GmbH

SOURCE: Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.   | KIND | DATE     | APPLICATION NO.  | DATE     |
|--|------|----------|------------------|----------|
| EP 1426401   | A1   | 20040609 | EP 2003-26290    | 20031115 |
| EP 1426401   | B1   | 20080514 |                  |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK |      |          |                  |          |
| DE 10255554  | A1   | 20040617 | DE 2002-10255554 | 20021128 |
| KR 2004047576  | A    | 20040605 | KR 2003-77221    | 20031103 |
| ES 2305393   | T3   | 20081101 | ES 2003-26290    | 20031115 |
| BR 2003005308  | A    | 20040914 | BR 2003-5308     | 20031126 |
| US 20040110851   | A1   | 20040610 | US 2003-724379   | 20031128 |
| US 7148260   | B2   | 20061212 |                  |          |
| JP 2004174494  | A    | 20040624 | JP 2003-398799   | 20031128 |

PRIORITY APPLN. INFO.: DE 2002-10255554 A 20021128

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB Water-based wax gel, useful for cosmetic oil-in-water emulsion preparation,

contains skin-related sphingolipids, such as ceramides,  $\geq 1$  anionic or nonionic emulsifier,  $\geq 1$  waxy consistency agent and, optionally, other additives. Thus, heating an aqueous composition containing phytosphingosine 2, ethoxylated C16-18 alcs. (Ceteareth-25) as an emulsifier 2.0, glyceryl stearate 2.5, cetearyl alc. 3.5, stearic acid 1.0 weight% at 105-110° and mixing it at room temperature with another mixture containing glycerol 3.0, benzyl alc.- methylchloroisothiazolinone and methylisothiazolinone 0.1 weight% in water gives a gel..

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:370774 CAPLUS  
 DOCUMENT NUMBER: 140:395236  
 TITLE: Cosmetic composition containing a semicrystalline polymer and a polyester oil  
 INVENTOR(S): Ferrari, Veronique; Julien, Nathalie; Guillard, Sylvie  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: Fr. Demande, 22 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE       |
|---|------|----------|-----------------|------------|
| FR 2846552  | A1   | 20040507 | FR 2002-13890   | 20021106   |
| FR 2846552  | B1   | 20070615 |                 |            |
| WO 2004041150   | A2   | 20040521 | WO 2003-EP15019 | 20031106   |
| WO 2004041150   | A3   | 20040708 |                 |            |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                 |            |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |            |
| AU 2003294028   | A1   | 20040607 | AU 2003-294028  | 20031106   |
| PRIORITY APPLN. INFO.:  |      |          | FR 2002-13890   | A 20021106 |
|   |      |          | US 2002-427228P | P 20021119 |
|   |      |          | WO 2003-EP15019 | W 20031106 |

AB A make-up composition contain (a) a liquid fatty phase structured by a semicryrst.

polymer having a m.p. higher or equal to 30°C, (b) a dye and (c) a polyester oil. The liquid fatty phase, dye, polyester oil and the polymer form a physiol. acceptable medium. This composition is presented in particular in the form of a stick depositing a shining and comfortable film on the keratinous matters, in particular lips. This composition has the advantage of having a very good thermal stability. A lipstick contained octyldodecanol 14.5, diisostearyl malate 9.5, polyhydroxystearic acid 2, hydrogenated coco-glycerides 2, a stearyl acrylate polymer having having m.p. of 48° (preparation given) 11, and a stearyl acrylate-N-vinyl pyrrolidone

copolymer having m.p. of 58° (preparation given) 11, pigments 1, charge 1, pearl 3, and isononyl isononanoate q.s. 100%.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:198260 CAPLUS  
 DOCUMENT NUMBER: 140:240619  
 TITLE: Cosmetic water-in-oil emulsions containing microcrystalline cellulose in order to decrease gloss and tackiness on the skin  
 INVENTOR(S): Kroepke, Rainer; Bleckmann, Andreas; Heptner, Astrid; Fueller, Silke; Konz, Celina  
 PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany  
 SOURCE: Ger. Offen., 20 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.    | KIND | DATE     | APPLICATION NO.  | DATE     |
|---------------|------|----------|------------------|----------|
| DE 10241074   | A1   | 20040311 | DE 2002-10241074 | 20020905 |
| WO 2004022019 | A1   | 20040318 | WO 2003-EP9684   | 20030901 |

W: JP, US  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR

PRIORITY APPLN. INFO.: DE 2002-10241074 A 20020905  
 AB The invention concerns cosmetic emulsions with oil as outer phase that are composed of (a) aqueous phase; (b) lipophilic phase; (c) one or more W/O and W/S (water in silicone) emulsifiers; (d) microcryst. cellulose; (d) moisturizers, other cosmetic substances and additives. Microcryst. cellulose can be used as a mixture with sodium CM-cellulose. Microcryst. cellulose reduces the gloss of the outer oily phase, decreases tackiness; allows for the use of less emulsifier and increases temperature and storage stability of the emulsions. Thus a composition contained (weight/weight%): triglycerin diisostearate 1.0; diglycerin dipolyhydroxy stearate 1.0; paraffin oil 12.5; vaseline 8.0; hydrogenated coco glycerides 2.0; decyl oleate 0.5; octyldodecanol 0.5; aluminum stearate 0.4; dicaprylyl carbonate 0.1; hydrogenated castor oil 0.5; microcryst. cellulose 0.5; magnesium sulfate 0.5; glycerin 3.0; citric acid 0.2; perfume q.s.; ethanol 2.0; caprylic/capric triglyceride 2.0; methylparaben 0.4; propylparaben 0.3; water to 100.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
 (1 CITINGS)  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2002:185694 CAPLUS  
 DOCUMENT NUMBER: 136:252483  
 TITLE: Clear oil-containing pharmaceutical compositions containing a therapeutic agent  
 INVENTOR(S): Chen, Feng-Jing; Patel, Mahesh V.; Fikstad, David T.  
 PATENT ASSIGNEE(S): Lipocene, Inc., USA  
 SOURCE: U.S. Pat. Appl. Publ., 45 pp., Cont.-in-part of U.S.

Ser. No. 751,968.  
CODEN: USXXCO

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 13  
PATENT INFORMATION:

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE        |
|--|------|----------|-----------------|-------------|
| US 20020032171   | A1   | 20020314 | US 2001-877541  | 20010608    |
| US 6761903   | B2   | 20040713 |                 |             |
| US 6267985   | B1   | 20010731 | US 1999-345615  | 19990630    |
| US 6309663   | B1   | 20011030 | US 1999-375636  | 19990817    |
| EP 2000130   | A1   | 20081210 | EP 2008-16180   | 20000602    |
| R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC,<br>NL, PT, SE |      |          |                 |             |
| US 20010024658   | A1   | 20010927 | US 2000-751968  | 20001229    |
| US 6458383   | B2   | 20021001 |                 |             |
| US 20030077297   | A1   | 20030424 | US 2002-74687   | 20020211    |
| US 7374779   | B2   | 20080520 |                 |             |
| US 20030104048   | A1   | 20030605 | US 2002-158206  | 20020529    |
| US 20030235595   | A1   | 20031225 | US 2003-397969  | 20030325    |
| US 20030236236   | A1   | 20031225 | US 2003-444935  | 20030522    |
| US 20100137271   | A1   | 20100603 | US 2009-625284  | 20091124    |
| US 20100136105   | A1   | 20100603 | US 2009-625309  | 20091124    |
| PRIORITY APPLN. INFO.:   |      |          |                 |             |
|  |      |          | US 1999-345615  | A2 19990630 |
|  |      |          | US 1999-375636  | A2 19990817 |
|  |      |          | US 2000-751968  | A2 20001229 |
|  |      |          | US 1999-258654  | A1 19990226 |
|  |      |          | US 1999-447690  | A3 19991123 |
|  |      |          | EP 2000-938039  | A3 20000602 |
|  |      |          | WO 2000-US18807 | A 20000710  |
|  |      |          | US 2000-716029  | A2 20001117 |
|  |      |          | US 2001-800593  | A2 20010306 |
|  |      |          | US 2001-877541  | A2 20010608 |
|  |      |          | US 2001-898553  | A2 20010702 |
|  |      |          | US 2003-444935  | A1 20030522 |

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The present invention relates to pharmaceutical compns. and methods for improved solubilization of triglycerides and improved delivery of therapeutic agents. Compns. of the present invention include a carrier, where the carrier is formed from a combination of a triglyceride and at least 2 surfactants, at least one of which is hydrophilic. Upon dilution with an aqueous medium, the carrier forms a clear, aqueous dispersion of the triglyceride and surfactants. Thus, a formulation contained soybean oil, 80, Tween-20 200, and Tween-80 800 mg.

OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD  
(5 CITINGS)

REFERENCE COUNT: 88 THERE ARE 88 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 18 21-31 ibib abs

L8 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
ACCESSION NUMBER: 2002:69335 CAPLUS  
DOCUMENT NUMBER: 136:123393

TITLE: Cosmetic or pharmaceutical solid composition comprising bis-acyl-amides  
 INVENTOR(S): Livoreil, Aude; Genard, Sylvie  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: Eur. Pat. Appl., 21 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| EP 1174110  | A1   | 20020123 | EP 2001-401905  | 20010716 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO   |      |          |                 |          |
| FR 2811552  | A1   | 20020118 | FR 2000-9317    | 20000717 |
| FR 2811552  | B1   | 20021227 |                 |          |
| CA 2382085  | A1   | 20020124 | CA 2001-2382085 | 20010716 |
| WO 2002005763   | A1   | 20020124 | WO 2001-FR2306  | 20010716 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| AU 2001076457   | A    | 20020130 | AU 2001-76457   | 20010716 |
| AU 771283   | B2   | 20040318 |                 |          |
| BR 2001007027   | A    | 20020430 | BR 2001-7027    | 20010716 |
| HU 2002003520   | A2   | 20030428 | HU 2002-3520    | 20010716 |
| RU 2219899  | C1   | 20031227 | RU 2002-110122  | 20010716 |
| JP 2004503575   | T    | 20040205 | JP 2002-511697  | 20010716 |
| ZA 2002000993   | A    | 20020816 | ZA 2002-993     | 20020205 |
| MX 2002001809   | A    | 20020812 | MX 2002-1809    | 20020220 |
| US 20020150602  | A1   | 20021017 | US 2002-88296   | 20020410 |
| US 20030129211  | A9   | 20030710 |                 |          |
| US 6726915  | B2   | 20040427 |                 |          |

PRIORITY APPLN. INFO.: FR 2000-9317 A 20000717  
 WO 2001-FR2306 W 20010716

OTHER SOURCE(S): MARPAT 136:123393  
 AB Cosmetic or pharmaceutical solid compns. comprising an oily phase and a bis-acyl-amide RCONH-A-NHCOR' (R, R' = H, hydrocarbon chain; A = hydrocarbon chain) are claimed. A transparent cosmetic stick contained trans-N,N'-bis(dodecanoyl)-1,2-diaminocyclohexane 220 mg, and tridecyl trimellitate fatty ester 10 mL.

OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD  
 (10 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2001:792221 CAPLUS  
 DOCUMENT NUMBER: 135:348726  
 TITLE: Cholesterol ester clathrate, water-holding composition, hydrous compositions, cosmetics

containing the same, and process for the preparation thereof

INVENTOR(S): Hamano, Yohei; Nasu, Akio; Minami, Takashi; Miyazaki, Takayuki; Tomita, Noriko; Matsumoto, Takashi; Soyama, Yoshikazu; Ito, Kenzo; Matsuda, Hajime; Sumiyoshi, Hideyuki

PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan

SOURCE: U.S., 40 pp., Cont.-in-part of U.S. Ser. No. 779,633.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE        |
|--|------|----------|-----------------|-------------|
| US 6309653   | B1   | 20011030 | US 1999-229840  | 19990111    |
| WO 9701356   | A1   | 19970116 | WO 1996-JP1815  | 19960701    |
| W: AU, CA, KR, US  |      |          |                 |             |
| RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE |      |          |                 |             |
| JP 09071596  | A    | 19970318 | JP 1996-191488  | 19960701    |
| JP 3648330   | B2   | 20050518 |                 |             |
| JP 09208423  | A    | 19970812 | JP 1996-247289  | 19960828    |
| PRIORITY APPLN. INFO.:   |      |          | JP 1995-186154  | A 19950629  |
|  |      |          | JP 1995-337870  | A 19951130  |
|  |      |          | WO 1996-JP1815  | W 19960701  |
|  |      |          | US 1997-779633  | A2 19970227 |

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB A cholesterol ester clathrate comprising a cholesterol ester included in a hydroxyalkylated cyclodextrin is described. The clathrate exhibits an emulsifying effect. A hydrous cosmetic composition comprises a hydroxyalkylated cyclodextrin, a cholesterol ester, a hydrous stabilizer, a clay mineral, and water. The hydrous compns. are excellent in water-holding capacity and are improved in hydration properties and separation stability at a high temperature. For example, a cream composition was prepared from (A) an oil phase containing microcryst. wax 8.0, solid

paraffin 2.0, beeswax 3.0, petrolatum 6.0, hydrogenated lanolin 5.0, squalane 30.0, hexadecyl adipate 3.0, glyceryl monooleate 3.5, and POE (20) sorbitol monooleate 1.0; (B) other bases containing an antiseptic, an antioxidant, and perfume; (C) a water base containing water 15.0, propylene glycol 5.0; and (D) a hydrate composition containing hydroxypropyl  $\beta$ -cyclodextrin 1.0, cholestryl ester of macadamia nut oil fatty acids 3.5, squalane 2.0, sodium magnesium silicate 0.5, glycerin 1.5, and water 1.5 parts by weight, resp.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
ACCESSION NUMBER: 2001:114951 CAPLUS  
DOCUMENT NUMBER: 134:183271  
TITLE: Aqueous pearly luster dispersions containing alkoxylated carboxylic acid esters for cosmetic applications  
INVENTOR(S): Hensen, Hermann; Eggers, Anke; Nieendick, Claus

PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany  
 SOURCE: PCT Int. Appl., 38 pp.

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE       |
|---|------|----------|------------------|------------|
| WO 2001010403   | A1   | 20010215 | WO 2000-EP7328   | 20000728   |
| W: JP, US   |      |          |                  |            |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE    |      |          |                  |            |
| DE 19937298   | A1   | 20010222 | DE 1999-19937298 | 19990806   |
| EP 1200062  | A1   | 20020502 | EP 2000-948013   | 20000728   |
| EP 1200062  | B1   | 20050420 |                  |            |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY |      |          |                  |            |
| JP 2003506393   | T    | 20030218 | JP 2001-514924   | 20000728   |
| ES 2240123  | T3   | 20051016 | ES 2000-948013   | 20000728   |
| PRIORITY APPLN. INFO.:  |      |          | DE 1999-19937298 | A 19990806 |
|   |      |          | WO 2000-EP7328   | W 20000728 |

OTHER SOURCE(S): MARPAT 134:183271

AB The invention relates to novel aqueous pearly luster concs. containing, in relation to the non-aqueous fraction: (a) 1 to 99 percent by weight of alkoxylated carboxylic acid ester, (b) 0 to 90 percent by weight of anionic, non-ionic, cationic, ampholytic and/or zwitterionic emulsifiers, (c) 1 to 50 percent by weight of pearly luster waxes in addition to (d) 0 to 40 percent by weight polyols, with the proviso that said proportions are complemented with other auxiliary agents and adjuvants to obtain 100 %. The compns. may be used in cosmetics and shampoos.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
 (4 CITINGS)

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:725436 CAPLUS

DOCUMENT NUMBER: 133:301171

TITLE: Compositions and methods for improved delivery of ionizable hydrophobic therapeutic agents

INVENTOR(S): Chen, Feng-jing; Patel, Manesh V.

PATENT ASSIGNEE(S): Lipocene, Inc., USA

SOURCE: PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| WO 2000059475  | A1   | 20001012 | WO 2000-US7342  | 20000316 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, |      |          |                 |          |

MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,  
 SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW  
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 US 6383471 B1 20020507 US 1999-287043 19990406  
 CA 2366702 A1 20001012 CA 2000-2366702 20000316  
 CA 2366702 C 20090526  
 EP 1165048 A1 20020102 EP 2000-916547 20000316  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.: US 1999-287043 A 19990406  
 WO 2000-US7342 W 20000316

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The present invention is directed to a pharmaceutical composition including a hydrophobic therapeutic agent having at least one ionizable functional group, and a carrier. The carrier includes an ionizing agent capable of ionizing the functional group, a surfactant, and optionally solubilizers, triglycerides, and neutralizing agents. The invention further relates to a method of preparing such compns. by providing a composition of an ionizable hydrophobic therapeutic agent, an ionizing agent, and a surfactant, and neutralizing a portion of the ionizing agent with a neutralizing agent. The compns. of the invention are particularly suitable for use in oral dosage forms. A carrier containing concentrated phosphoric acid 0.025,

Tween-20

0.3, Arlacel 186 0.2, sodium taurocholate 0.15, propylene glycol 0.3 g was formulated. Itraconazole was included in the carrier at 30 mg/mL for testing the stability of the itraconazole solution upon dilution in simulated gastric fluid.

OS.CITING REF COUNT: 51 THERE ARE 51 CAPLUS RECORDS THAT CITE THIS RECORD (51 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:107289 CAPLUS

DOCUMENT NUMBER: 132:127461

TITLE: Cosmetic compositions containing a retinoid with a histidine derivative

INVENTOR(S): Boussouira, Boudiaf

PATENT ASSIGNEE(S): Oreal S. A., Fr.

SOURCE: Fr. Demande, 20 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| FR 2779060   | A1   | 19991203 | FR 1998-6603    | 19980526 |
| FR 2779060   | B1   | 20030502 |                 |          |
| EP 972511  | A1   | 20000119 | EP 1999-401133  | 19990507 |
| EP 972511  | B1   | 20030409 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO |      |          |                 |          |
| ES 2196737   | T3   | 20031216 | ES 1999-401133  | 19990507 |

|               |    |          |                 |          |
|---------------|----|----------|-----------------|----------|
| BR 9901955    | A  | 20000606 | BR 1999-1955    | 19990513 |
| JP 2000007560 | A  | 20000111 | JP 1999-144125  | 19990524 |
| JP 3095741    | B2 | 20001010 |                 |          |
| CA 2272840    | A1 | 19991126 | CA 1999-2272840 | 19990525 |
| US 6358514    | B1 | 20020319 | US 1999-317859  | 19990525 |

PRIORITY APPLN. INFO.: FR 1998-6603 A 19980526

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 132:127461

AB Cosmetic compns. containing a retinoid, such as vitamin A or its precursors, with a histidine derivative are claimed. A cosmetic composition contained cetyl

alc. 5, glyceryl stearate 3, P.E.G. 50 stearate 3, mineral oil 18.4, caprylic/capric triglycerides 5, all-trans retinol 0.1, histidine derivative 0.5, and water q.s. 100%.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
(3 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1998:438344 CAPLUS

DOCUMENT NUMBER: 129:99830

ORIGINAL REFERENCE NO.: 129:20459a,20462a

TITLE: Eyelash cosmetics with good safety, stability, and lasting effect

INVENTOR(S): Okuyama, Masaki; Mizutani, Tomoki; Matsuo, Tsutomu; Momose, Shigesada

PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 10182357 | A    | 19980707 | JP 1996-358770  | 19961227 |
|             |      |          | JP 1996-358770  | 19961227 |

PRIORITY APPLN. INFO.: JP 1996-358770 19961227

AB The cosmetics contain (a) film-forming resins, (b) fructo-oligosaccharide fatty acid esters, and (c) fluoro compound-treated powders. A mascaras comprised rosin acid pentaerythritol ester 10, poly(vinyl iso-Bu ether) 10, palmitic acid dextrin ester, carnauba wax 2, fructo-oligosaccharide oleic acid esters 5, organic modified bentonite 4, light liquid isoparaffin 48, perfluoro polyether (PFP)-treated iron oxide black 6, and PFP-treated talc 14%.

L8 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1997:56071 CAPLUS

DOCUMENT NUMBER: 126:89070

ORIGINAL REFERENCE NO.: 126:17198h,17199a

TITLE: Pentaerythritol branched alkyl ethers and their preparation

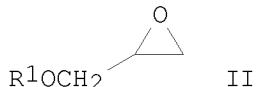
INVENTOR(S): Hashizume, Naomichi; Kamya, Hiroshi; Kita, Katsumi

PATENT ASSIGNEE(S): Kao Corp, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.

DOCUMENT TYPE: CODEN: JKXXAF  
 LANGUAGE: Patent  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND   | DATE      | APPLICATION NO. | DATE     |
|------------------------|--------|-----------|-----------------|----------|
| JP 08291098            | A      | 19961105  | JP 1995-98799   | 19950424 |
| PRIORITY APPLN. INFO.: |        |           | JP 1995-98799   | 19950424 |
| OTHER SOURCE(S):       | MARPAT | 126:89070 |                 |          |
| GI                     |        |           |                 |          |



AB R10AOCH<sub>2</sub>C(CH<sub>2</sub>OH)<sub>3</sub> [I; R1 = C<sub>16</sub>-24 alkyl which has 1-4 branched chain(s) selected from Me, Et, Pr, Bu; A = CH<sub>2</sub>CH(OH)CH<sub>2</sub>, CH(CH<sub>2</sub>OH)CH<sub>2</sub>], which show thermotropic liquid-crystal phase in aqueous dispersion and are useful as cosmetic bases, emulsifying agents, lubricants, etc., are prepared by treatment of glycidyl ethers II (R1 is the same as the above) with pentaerythritol (III). A composition containing palmitic acid 2, linoleic acid 8, octadecenoic acid 80, hexadecenoic acid 4, and stearic acid 1% was autoclaved with steam and H-mordenite zeolite and the resulting monomer acids were hydrogenated to give branched stearic acid having C<sub>1</sub>-3 alkyl groups as the side chains. The branched stearic acid was esterified with MeOH and the Me ester obtained was reduced to give branched stearyl alc., which was further treated with epichlorohydrin to give II (R1 = branched isostearyl) (IV). IV was added dropwise to previously dehydrated III over 1 h and the reaction mixture was stirred at 105° for 4 h to give 30% I (R1 = branched stearyl). An aqueous solution of this compound (5 weight%) was shaken for 1 min and let stand at room temperature for 5 min to show a liquid-crystal phase.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
 (1 CITINGS)

L8 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1995:665223 CAPLUS  
 DOCUMENT NUMBER: 123:65573  
 ORIGINAL REFERENCE NO.: 123:11545a,11548a  
 TITLE: Cosmetic composition comprising kojic acid and an ultra-violet light absorbent  
 INVENTOR(S): Honda, Shinsuke  
 PATENT ASSIGNEE(S): Sansho Seiyaku Co. Ltd., Japan  
 SOURCE: Brit. UK Pat. Appl., 51 pp.  
 CODEN: BAXXDU  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE        |
|------------------------|------|----------|-----------------|-------------|
| GB 2283173             | A    | 19950503 | GB 1994-11992   | 19940615    |
| JP 07126121            | A    | 19950516 | JP 1993-270970  | 19931028    |
| JP 3661706             | B2   | 20050622 |                 |             |
| JP 07126122            | A    | 19950516 | JP 1993-270971  | 19931028    |
| JP 3656197             | B2   | 20050608 |                 |             |
| JP 07126135            | A    | 19950516 | JP 1993-270972  | 19931028    |
| JP 3661707             | B2   | 20050622 |                 |             |
| US 5637293             | A    | 19970610 | US 1994-238660  | 19940505    |
| CN 1106658             | A    | 19950816 | CN 1994-106502  | 19940604    |
| CN 1092516             | C    | 20021016 |                 |             |
| CN 1106659             | A    | 19950816 | CN 1994-106504  | 19940604    |
| CN 1094350             | C    | 20021120 |                 |             |
| CN 1106660             | A    | 19950816 | CN 1994-106506  | 19940604    |
| CN 1077429             | C    | 20020109 |                 |             |
| US 5750563             | A    | 19980512 | US 1995-538380  | 19951003    |
| PRIORITY APPLN. INFO.: |      |          | JP 1993-270970  | A 19931028  |
|                        |      |          | JP 1993-270971  | A 19931028  |
|                        |      |          | JP 1993-270972  | A 19931028  |
|                        |      |          | US 1994-238628  | B1 19940505 |

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB Epidermal composition comprises: (I) kojic acid or a derivative (especially a glycoside)

thereof; (II) an ultra-violet light absorbent; (III) at least one of: (A) fatty acid esters (including esters of polyhydric alcs. and sugars); (B) fatty acid glycerides; (C) hydrocarbons; (D) lipids (especially glycerophospholipidss, sphingophospholipids or sphingoglycolipids); (E) fat or oils; (F) alcs. (including polyhydric alcs. and the alkyl ethers thereof, and sugar alcs.); (G) polyphenols (especially catechin, esters of gallic acid, flavone or tannin). A cream contained kojic acid 1.00, oxybenzonesulfonic acid 0.5, diisopropyl adipate 2.00, iso-Pr myristate 3.00, polyoxyethylene cetyl ether 5.00, stearic acid 5.00, avocado oil 1.00, almond oil 10.00, Na DL-pyrrolidonecarboxylate 5.00, p-hydroxybenzoic acid ester 0.200, disodium edetate 0.01, and water q.s. 100.00.

OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (15 CITINGS)

L8 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1986:39523 CAPLUS  
 DOCUMENT NUMBER: 104:39523  
 ORIGINAL REFERENCE NO.: 104:6387a,6390a  
 TITLE: Preparation of weakly acidic water-in-oil-in-water-type emulsion cosmetics  
 INVENTOR(S): Naito, Noboru; Munakata, Atsushi  
 PATENT ASSIGNEE(S): Kobayashi Kose Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 60166604 | A    | 19850829 | JP 1984-22555   | 19840209 |

PRIORITY APPLN. INFO.: JP 1984-22555 19840209  
 AB A stable, weakly acidic H<sub>2</sub>O/oil/H<sub>2</sub>O-type emulsion cosmetic is prepared containing hydrophobic surfactants, H<sub>2</sub>O, hydrophilic surfactants and N-long chain acylamino acid salts. Thus, an emulsified cosmetic cream consists of H<sub>2</sub>O 7.95, citric acid 0.1, Na citrate 0.3, stearic acid 2.5, squalane 7.0, white petrolatum 5.0, hydrogenated oil 3.0, cetanol 2.0, stearyl alc. 1.0, sorbitan sesquioleate 0.5, diglyceryl isostearate 1.0, glyceryl monostearate 1.0, polyoxyethylene hydrogenated castor oil 1.0, a perfume 0.3, polyoxyethylene sorbitan monooleate 0.3, Na N-stearoyl-L-glutamate 1.0, methylcellulose 0.1, 1,3-butylene glycol 10.0, glycerin 2.0, a preservative 0.1, and H<sub>2</sub>O to 100% by weight

L8 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1983:545942 CAPLUS  
 DOCUMENT NUMBER: 99:145942  
 ORIGINAL REFERENCE NO.: 99:22323a, 22326a  
 TITLE: Emulsions for cosmetics and topical pharmaceuticals  
 INVENTOR(S): Ohsawa, Shigemitsu; Amada, Iwao  
 PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan  
 SOURCE: Eur. Pat. Appl., 31 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.                            | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------------------------------|------|----------|-----------------|----------|
| EP 84341                              | A2   | 19830727 | EP 1983-100171  | 19830111 |
| EP 84341                              | A3   | 19850410 |                 |          |
| EP 84341                              | B1   | 19890419 |                 |          |
| EP 84341                              | B2   | 19970514 |                 |          |
| R: BE, CH, DE, FR, GB, IT, LI, NL, SE |      |          |                 |          |
| JP 58121209                           | A    | 19830719 | JP 1982-1736    | 19820111 |
| CA 1209922                            | A1   | 19860819 | CA 1983-419137  | 19830110 |

PRIORITY APPLN. INFO.: JP 1982-1736 A 19820111  
 AB An emulsion composition for topical pharmaceuticals or cosmetics contains lecithin and a polyhydric alc. fatty acid ester. The emulsion is stable and has a high affinity for the skin. Thus, an oil-in-water moisture cream was prepared containing squalene 7.0, C8-12 glyceride 15.0, stearic acid 3.0, cholesterol 0.5, partially hydrogenated egg yolk lecithin 5.0, sucrose stearate [37318-31-3] 2.0, glycerol monostearate [31566-31-1] 4.0, polypeptide oleate 0.5, Pr p-hydroxybenzoate 0.1, Me p-hydroxybenzoate 0.1, propylene glycol 8.0, perfume 0.1 and water 54.7 parts by weight. The cream was stable and had mild effects on the skin and was comfortable to use.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
 (3 CITINGS)

L8 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1979:462585 CAPLUS  
 DOCUMENT NUMBER: 91:62585  
 ORIGINAL REFERENCE NO.: 91:10043a, 10046a  
 TITLE: Cosmetic waxes  
 INVENTOR(S): Mitsuda, Kenji; Hoga, Hirofumi  
 PATENT ASSIGNEE(S): Riken Vitamin Oil Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE     |
|------------------------|------|----------|-----------------|----------|
| JP 54035220            | A    | 19790315 | JP 1977-100362  | 19770822 |
| PRIORITY APPLN. INFO.: |      |          | JP 1977-100362  | 19770822 |

AB Esters of fatty acids with polyhydric alcs. and dibasic acids, useful as waxes in cosmetic formulations, are prepared. Thus, pentaerythritol 100, succinic acid 33, stearic acid 470, and NaOH 13 parts are heated 1 h at 240-5°, and evaporated to give 6.5 parts of a polyester with m.p. 68.2°.

=> d his

(FILE 'HOME' ENTERED AT 09:26:33 ON 10 SEP 2010)

FILE 'REGISTRY' ENTERED AT 09:26:56 ON 10 SEP 2010  
E 2,2-BISHYDROXYMETHYL-1,3-PROPANEDIOL/CN  
E PENTAERYTHRITOL/CN

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 09:28:56 ON 10 SEP 2010  
L2 20 S L1 (L) (PARTIAL (2A) ESTER)  
L3 13220 S L1  
L4 276 S L3 (L) (COSMETIC? OR PHARMAC?)  
L5 186 S L4 AND ESTER?  
L6 108 S L5 AND (FATTY (A) ACID)  
L7 31 S L6 AND (CAPROIC OR CAPRYLIC OR CAPRIC OR LAURIC OR MYRISTIC O  
L8 31 S L7 NOT L2

=> s l7 and l1  
13220 L1  
L9 31 L7 AND L1

=> d his

(FILE 'HOME' ENTERED AT 09:26:33 ON 10 SEP 2010)

FILE 'REGISTRY' ENTERED AT 09:26:56 ON 10 SEP 2010  
E 2,2-BISHYDROXYMETHYL-1,3-PROPANEDIOL/CN  
E PENTAERYTHRITOL/CN

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 09:28:56 ON 10 SEP 2010  
L2 20 S L1 (L) (PARTIAL (2A) ESTER)  
L3 13220 S L1  
L4 276 S L3 (L) (COSMETIC? OR PHARMAC?)  
L5 186 S L4 AND ESTER?  
L6 108 S L5 AND (FATTY (A) ACID)  
L7 31 S L6 AND (CAPROIC OR CAPRYLIC OR CAPRIC OR LAURIC OR MYRISTIC O  
L8 31 S L7 NOT L2  
L9 31 S L7 AND L1

Serial No.: 10/599682\_F

=> log off  
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF  
LOGOFF? (Y)/N/HOLD:y  
STN INTERNATIONAL LOGOFF AT 10:07:58 ON 10 SEP 2010